



January 27, 2015

Electricity Supply & Demand Report for December 2014

1. Electricity demand (See Table 1)

Our electric power sold in December totaled 6,704 GWh, which was 103.2% year-on-year. The electricity demand was increased by a continuous post-quake reconstruction, an increased heating demand due to a lower temperature and a longer period of meter reading, etc. It exceeded the results of the previous year for the first time in four months.

Sales by customer segment were as follows:

– Non-Specified Scale Demand (Excluding deregulated segment)

Thanks to a continuous post-quake reconstruction, an increased heating demand due to a lower temperature and a longer period of meter reading, etc., our power demand in the lightning (residential) sector was 106.4% year-on-year, which exceeded the results of the previous year for the first time in four months.

Non-specified scale demand in total was 107.4% year-on-year.

– Specified Scale Demand (Deregulated segment)

Our electric power sold for commercial use was 101.9% year-on-year. Thanks to a continuing recovery trend in demand and an increased heating demand due to a lower temperature, it exceeded the results of the previous year for the first time in four months. Overall power demand in the specified-scale sectors totaled 100.8% year-on-year.

In the industrial and other sectors, power demand mostly came from large-scale industrial customers, as described in the reference below.

[Reference]

– Large-scale industrial demand

Even with a post-quake reconstruction and a continuous recovery of production in some sectors, an increase in the outputs of private generators and a decrease in production decreased our large-scale industrial demand in total. As a result, our large-scale industrial demand was 99.9% year-on-year.

2. Electricity supply (See Table 2)

Our electricity generated and purchased in December totaled 8,282 GWh, 104.6% year-on-year, which exceeded the performance of the previous year for the first time in five months.

(Power generated by our own hydro power stations)

Our hydro power generation output totaled 666 GWh, a year-on-year increase of 54 GWh, owing to the high flow rate of 102.5%, which was 4.5% higher than that of previous year.

(Power generated by our own thermal power stations)

Differences of thermal power stations' operations and other factors decreased our own thermal power generated output to 5,644 GWh, a year-on-year decrease of 219 GWh.

(Power generated by our own nuclear power stations)

All units of Onagawa nuclear power station and unit 1 of Higashidori nuclear power station have been shut down because of regular inspections. Therefore, there was no output from nuclear power stations.

(Power generated by our own renewable power stations)

Since the amount of vapor in geothermal power stations increased, our renewable generated output totaled 85 GWh, a year-on-year increase of 5 GWh.

(Power purchased)

Differences of thermal power stations' operation of other companies and other factors increased our power purchased from others to 2,545 GWh, a year-on-year increase of 476 GWh.

(Table 1)

Power demand during December 2014

(Units: GWh; %)

Segments		Actual GWh, Current month (A)	Actual GWh, Previous year (B)	Year-on-year percentage (A/B)
Non-Specified Scale Demand	Lighting (Residential)	2,257	2,120	106.4
	Power	311	272	114.7
	Subtotal	2,568	2,392	107.4
Specified Scale Demand	Commercial	1,353	1,329	101.9
	Industrial and others	2,783	2,772	100.3
	Subtotal	4,136	4,101	100.8
Total power sold		6,704	6,493	103.2

(Reference)

Sold to large-scale industrial customers

(Units: GWh; %)

	Actual GWh, Current month (A)	Actual GWh, Previous year (B)	Year-on-year percentage (A/B)
Large-scale industrial customers	2,088	2,090	99.9

Year-to-year percentage by sectors (%), Large-scale industrial customers

Foodstuffs	102.0	Pulp and paper	104.3	Chemicals	104.5
Ceramics, stone and clay	97.8	Steel	83.8	Non-ferrous metals	100.9
Machinery	103.1				

(Table 2)

Overview of power supply during December 2014

(Units: GWh; %)

Segments			Actual GWh, Current month (A)	Actual GWh, Previous year (B)	Difference (A-B)	Year-on-year percentage (A/B)
Power by our own plants	Hydroelectric	Natural inflow	640	576	64	111.0
		Reservoir/pumped-storage	26	36	(10)	71.1
		Subtotal	666	612	54	108.7
	Thermal		5,644	5,863	(219)	96.3
	Nuclear		0	0	0	-
	Renewable		85	80	5	106.7
	Subtotal		6,395	6,555	(160)	97.5
	Power purchased from others		2,545	2,069	476	123.0
Interchange power		(652)	(706)	54	92.2	
Pumping-up power		(6)	(2)	(4)	394.5	
Total		8,282	7,916	366	104.6	
Water flow rate		102.5	98.0	4.5	-	